

34036- PROGRAMMING IN “C” PRACTICAL

DETAILED SYLLABUS

LIST OF EXPERIMENTS

1. Write C language program to find the solution of a quadratic equation.
2. Write C language program to find whether the given number is a positive number, negative number or zero.
3. Write C language program to find the sum of series using While loop.
4. Write C language program to perform the Arithmetic operation based on the numeric key press using switch case statement. (1-Addition, 2-Subtraction, 3 – multiplication, 4 - Division).
5. Write C language program to implement Ohms Law.
6. Write C language program to find factorial of given N numbers using function.
7. Write C language program to prepare the total marks for N students by reading the Name, Reg.No, Marks 1 to Marks 6 using array of structure.
8. Write C language program to swap the values of two variables.
9. Write C language program to calculate the equivalent resistance of three resistances connected in series and parallel.
10. Write C language program to calculate the equivalent Capacitance of three Capacitors connected in series and parallel.
11. Write C language program to find Resonant Frequency of RLC Series and Parallel Circuits.
12. Write C language program to find the power factor of series RL circuits.
13. Write C language program to find the Q factor for series and parallel resonant circuits.
14. Write C language program to draw the symbol of NPN transistor using Graphics.
15. Write C language program to draw the symbol of Diode using Graphics.